Rice School fo Arch.
Case Studies in Sustainable Design
Arch/Enst 313 Arch 613

DATE	CONCEPT FOCI	*Support Readings + Resources see Blackboard and FACULTY LEADER*
class 1	**Mapping the Semester**	
January 17, 2013	**The High Performance Building and its Envelope as Focus**	
Nature of Teams	The Houston and Rice lens, and the State of Sustainability in light of the culture of Architecture Challenge: Architecture 2030 Value of Ecosystem - Natural Capitalism Notion of "repositioning"	
class 2		
January 24, 2013	**MEASUREMENTS FOR PERFORMANCE**	
Project Teams Identified	1) Ecological Footprint and Embodied Energy	Class Reading Bundle #1
	2) Energy Modeling + Other Performance Metrics	
	3) Accounting/Total Life Cycle + Full Cost	
	4) Leadership in Energy and Environmental Design	
class 3		
January 31, 2013	**RICE CONTEXT and GLOBAL BENCHMARKS**	
class 4		
February 7, 2013	**MAPPING THE PROCESS**	
Project Dossier #1: problem statement	Technical, Cultural, Human and Natural Dimensions as the Sustainable Design Context	
	General Resources for Repositioning Investigation	
class 5		
February 14, 2013	**Site, Ecosystem, Water + Case Study**	
Team worksession 2nd half of class	1) utility, natural systems, orientation and climatology, biodiversity, vegetated surfaces	Class Reading Bundle #4 and #5
	2) potable, non potable, grey and black, harvesting	
class 6		
February 21, 2013	**Energy & Atmosphere + Case Study**	
Team worksession 2nd half of class	Commissioning, Modeling, Energy Optimization, Renewable Energy, Green Energy, Carbon Offsets and/or Sequestration	Class Reading Bundle #6
February 28, 2013	No Class	

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DATE	CONCEPT FOCI	*Support Readings + Resources, see Blackboard and FACULTY LEADER*
March 7, 2013	Midterm Project Reviews	Jury review
	Presentation Methodology	
class 8		
March 14, 2013	**Indoor Environmental Quality + Case Study**	Class Reading Bundle #7
Team Presentations *Methods review*	Human environment - workplace, living, educating… social sustainability	
class 9		
March 21, 2013	**Material Resources + Case Study**	Class Reading Bundle #8
Team Presentations *Methods review*	Life cycle footprint, sourcing, tectonics, design for disassembly, self replicating, biomimic	
March 28, 2013	No Class	
class 10		
April 4, 2013	**Reviews and Assist**	
class 11		
April 11, 2013	**Team Group 1 Presentation**	
class 12		
April 18, 2013	**Team Group 2 Presentation**	
		At Gensler Office - Pennzoil Pla

Graduating Students: All Semester Papers final deadline for all students: 5:00 PM 3rd May.

NON Graduating Students: All Semester Papers final deadline for all students: 5:00 PM 10th May.

TBD	Tour of University of Texas Health Science School of Nursing